

SEQUENCE LISTING

<110> Sims, John E.
 Mohler, Kendall M.
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<120> METHODS FOR TREATING IL-18 MEDIATED DISORDERS

<130> 3086-A

<140> --to be assigned--

<141> 2001-10-17

<150> US 60/241,408

<151> 2000-10-18

<160> 5

<170> PatentIn version 3.1

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gataaagaag cgattctgta gattctccca gcgctgttgg gctctcaatt ccttctgtga 300

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Trp Thr Tyr Ser Thr Arg Ser Glu Glu Glu Phe Val Leu Phe Cys Asp
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gac att agg aaa agc tat cct cac atc att cag gac aaa tgt acc ctt Asp Ile Arg Lys Ser Tyr Pro His Ile Ile Gln Asp Lys Cys Thr Leu 100 105 110	816
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ccc agt ctc agc tgc caa agt gat gca caa agt cca gcg gta acc tgg Pro Ser Leu Ser Cys Gln Ser Asp Ala Gln Ser Pro Ala Val Thr Trp 180 185 190	1056
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gtg gat gaa gtt tat gac tat cac cag ggc aca tat gta tgt gat tac Val Asp Glu Val Tyr Asp Tyr His Gln Gly Thr Tyr Val Cys Asp Tyr 210 215 220	1152
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cct gtc gag gac aca ctg gaa gta gaa ctt gga aag cct tta act att Pro Val Glu Asp Thr Leu Glu Val Glu Leu Gly Lys Pro Leu Thr Ile 260 265 270	1296
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Ser Val Pro Pro Asn Ser Arg Phe Trp Ala Lys Met Arg Tyr His Met
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cct gtg aaa aac tct cag gga ttc acg tgg aac cag ctc aga att acc 2208
Pro Val Lys Asn Ser Gln Gly Phe Thr Trp Asn Gln Leu Arg Ile Thr
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Arg Ser Ser Gln Pro Lys Glu Trp
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Thr Tyr Ser Thr Arg Ser Glu Glu Glu Phe Val Leu Phe Cys Asp Leu
35 40 45

Pro Glu Pro Gln Lys Ser His Phe Cys His Arg Asn Arg Leu Ser Pro
50 55 60

Lys Gln Val Pro Glu His Leu Pro Phe Met Gly Ser Asn Asp Leu Ser
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Phe	Leu	Thr	Pro	Gly	Val	Asn	Asn	Ser	Gly	Ser	Tyr	Ile	Cys	Arg	Pro		
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His	Lys	Gln	Asp	Leu	Leu	Leu	Gly	Ser	Thr	Gly	Ser	Ile	Ser	Cys	Pro		
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Ser	Leu	Ser	Cys	Gln	Ser	Asp	Ala	Gln	Ser	Pro	Ala	Val	Thr	Trp	Tyr		
			180					185					190				
Lys	Asn	Gly	Lys	Leu	Leu	Ser	Val	Glu	Arg	Ser	Asn	Arg	Ile	Val	Val		
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Asp	Glu	Val	Tyr	Asp	Tyr	His	Gln	Gly	Thr	Tyr	Val	Cys	Asp	Tyr	Thr		
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Gln	Ser	Asp	Thr	Val	Ser	Ser	Trp	Thr	Val	Arg	Ala	Val	Val	Gln	Val		
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Arg	Thr	Ile	Val	Gly	Asp	Thr	Lys	Leu	Lys	Pro	Asp	Ile	Leu	Asp	Pro		
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Val	Glu	Asp	Thr	Leu	Glu	Val	Glu	Leu	Gly	Lys	Pro	Leu	Thr	Ile	Ser		
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Trp	Tyr	Ile	Lys	Asp	Ser	Asp	Leu	Glu	Trp	Glu	Val	Ser	Val	Pro	Glu		
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Lys	Glu	Lys	Arg	Gly	Val	Val	Leu	Leu	Tyr	Ile	Leu	Leu	Gly	Thr	Ile	355	360	365	
Gly	Thr	Leu	Val	Ala	Val	Leu	Ala	Ala	Ser	Ala	Leu	Leu	Tyr	Arg	His	370	375	380	
Trp	Ile	Glu	Ile	Val	Leu	Leu	Tyr	Arg	Thr	Tyr	Gln	Ser	Lys	Asp	Gln	385	390	395	400
Thr	Leu	Gly	Asp	Lys	Lys	Asp	Phe	Asp	Ala	Phe	Val	Ser	Tyr	Ala	Lys	405	410	415	
Trp	Ser	Ser	Phe	Pro	Ser	Glu	Ala	Thr	Ser	Ser	Leu	Ser	Glu	Glu	His	420	425	430	
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Ala	Val	Asn	Leu	Ala	Leu	Asp	Asp	Gln	Thr	Leu	Lys	Leu	Ile	Leu	Ile	500	505	510	
Lys	Phe	Cys	Tyr	Phe	Gln	Glu	Pro	Glu	Ser	Leu	Pro	His	Leu	Val	Lys	515	520	525	
Lys	Ala	Leu	Arg	Val	Leu	Pro	Thr	Val	Thr	Trp	Arg	Gly	Leu	Lys	Ser	530	535	540	
Val	Pro	Pro	Asn	Ser	Arg	Phe	Trp	Ala	Lys	Met	Arg	Tyr	His	Met	Pro	545	550	555	560

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ttt gaa gat cag ggg tat tac tcc tgc gtg cat ttc ctt cat cat aat	576
Phe Glu Asp Gln Gly Tyr Tyr Ser Cys Val His Phe Leu His His Asn	
180 185 190	
gga aaa cta ttt aat atc acc aaa acc ttc aat ata aca ata gtg gaa	624
Gly Lys Leu Phe Asn Ile Thr Lys Thr Phe Asn Ile Thr Ile Val Glu	
195 200 205	
gat cgc agt aat ata gtt ccg gtt ctt ctt gga cca aag ctt aac cat	672
Asp Arg Ser Asn Ile Val Pro Val Leu Leu Gly Pro Lys Leu Asn His	
210 215 220	
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225 230 235 240	
ctg aat gaa gag gat gta att tat tgg atg ttt ggg gaa gaa aat gga	768
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Ser Asp Pro Asn Ile His Glu Glu Lys Glu Met Arg Ile Met Thr Pro	
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gaa ggc aaa tgg cat gct tca aaa gta ttg aga att gaa aat att ggt	864
Glu Gly Lys Trp His Ala Ser Lys Val Leu Arg Ile Glu Asn Ile Gly	
275 280 285	
gaa agc aat cta aat gtt tta tat aat tgc act gtg gcc agc acg gga	912
Glu Ser Asn Leu Asn Val Leu Tyr Asn Cys Thr Val Ala Ser Thr Gly	
290 295 300	
ggc aca gac acc aaa agc ttc atc ttg gtg aga aaa gca gac atg gct	960
Gly Thr Asp Thr Lys Ser Phe Ile Leu Val Arg Lys Ala Asp Met Ala	
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Asp Ile Pro Gly His Val Phe Thr Arg Gly Met Ile Ile Ala Val Leu	
325 330 335	
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Ile Leu Val Ala Val Val Cys Leu Val Thr Val Cys Val Ile Tyr Arg	
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Val Asp Leu Val Leu Phe Tyr Arg His Leu Thr Arg Arg Asp Glu Thr	
355 360 365	
tta aca gat gga aaa aca tat gat gct ttt gtg tct tac cta aaa gaa	1152
Leu Thr Asp Gly Lys Thr Tyr Asp Ala Phe Val Ser Tyr Leu Lys Glu	
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Cys Arg Pro Glu Asn Gly Glu Glu His Thr Phe Ala Val Glu Ile Leu	
385 390 395 400	
ccc agg gtg ttg gag aaa cat ttt ggg tat aag tta tgc ata ttt gaa	1248
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405 410 415	
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Arg Asp Val Val Pro Gly Gly Ala Val Val Asp Glu Ile His Ser Leu	
420 425 430	
ata gag aaa agc cga aga cta atc att gtc cta agt aaa agt tat atg	1344
Ile Glu Lys Ser Arg Arg Leu Ile Ile Val Leu Ser Lys Ser Tyr Met	
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Ser Asn Glu Val Arg Tyr Glu Leu Glu Ser Gly Leu His Glu Ala Leu	
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Val Glu Arg Lys Ile Lys Ile Ile Leu Ile Glu Phe Thr Pro Val Thr	
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gac ttc aca ttc ttg ccc caa tca cta aag ctt ttg aaa tct cac aga	1488
Asp Phe Thr Phe Leu Pro Gln Ser Leu Lys Leu Leu Lys Ser His Arg	
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gtt ctg aag tgg aag gcc gat aaa tct ctt tct tat aac tca agg ttc	1536
Val Leu Lys Trp Lys Ala Asp Lys Ser Leu Ser Tyr Asn Ser Arg Phe	
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tgg aag aac ctt ctt tac tta atg cct gca aaa aca gtc aag cca ggt	1584
Trp Lys Asn Leu Leu Tyr Leu Met Pro Ala Lys Thr Val Lys Pro Gly	
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35 40 45

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His	Val	Glu	Leu	Asn	Pro	Arg	Ser	Ser	Ser	Arg	Ile	Ala	Leu	His	Asp		
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Cys	Val	Leu	Glu	Phe	Trp	Pro	Val	Glu	Leu	Asn	Asp	Thr	Gly	Ser	Tyr		
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Phe	Phe	Gln	Met	Lys	Asn	Tyr	Thr	Gln	Lys	Trp	Lys	Leu	Asn	Val	Ile		
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Arg	Arg	Asn	Lys	His	Ser	Cys	Phe	Thr	Glu	Arg	Gln	Val	Thr	Ser	Lys		
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Ile	Val	Glu	Val	Lys	Lys	Phe	Phe	Gln	Ile	Thr	Cys	Glu	Asn	Ser	Tyr		
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Tyr	Gln	Thr	Leu	Val	Asn	Ser	Thr	Ser	Leu	Tyr	Lys	Asn	Cys	Lys	Lys		
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Phe	Glu	Asp	Gln	Gly	Tyr	Tyr	Ser	Cys	Val	His	Phe	Leu	His	His	Asn		
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Gly	Lys	Leu	Phe	Asn	Ile	Thr	Lys	Thr	Phe	Asn	Ile	Thr	Ile	Val	Glu		
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Asp	Arg	Ser	Asn	Ile	Val	Pro	Val	Leu	Leu	Gly	Pro	Lys	Leu	Asn	His		
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Val	Ala	Val	Glu	Leu	Gly	Lys	Asn	Val	Arg	Leu	Asn	Cys	Ser	Ala	Leu		
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Glu	Ser	Asn	Leu	Asn	Val	Leu	Tyr	Asn	Cys	Thr	Val	Ala	Ser	Thr	Gly	290	295	300
Gly	Thr	Asp	Thr	Lys	Ser	Phe	Ile	Leu	Val	Arg	Lys	Ala	Asp	Met	Ala	305	310	315
Asp	Ile	Pro	Gly	His	Val	Phe	Thr	Arg	Gly	Met	Ile	Ile	Ala	Val	Leu	325	330	335
Ile	Leu	Val	Ala	Val	Val	Cys	Leu	Val	Thr	Val	Cys	Val	Ile	Tyr	Arg	340	345	350
Val	Asp	Leu	Val	Leu	Phe	Tyr	Arg	His	Leu	Thr	Arg	Arg	Asp	Glu	Thr	355	360	365
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Pro	Arg	Val	Leu	Glu	Lys	His	Phe	Gly	Tyr	Lys	Leu	Cys	Ile	Phe	Glu	405	410	415
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Ser	Asn	Glu	Val	Arg	Tyr	Glu	Leu	Glu	Ser	Gly	Leu	His	Glu	Ala	Leu	450	455	460
Val	Glu	Arg	Lys	Ile	Lys	Ile	Ile	Leu	Ile	Glu	Phe	Thr	Pro	Val	Thr	465	470	475
Asp	Phe	Thr	Phe	Leu	Pro	Gln	Ser	Leu	Lys	Leu	Leu	Lys	Ser	His	Arg	485	490	495
Val	Leu	Lys	Trp	Lys	Ala	Asp	Lys	Ser	Leu	Ser	Tyr	Asn	Ser	Arg	Phe	500	505	510
Trp	Lys	Asn	Leu	Leu	Tyr	Leu	Met	Pro	Ala	Lys	Thr	Val	Lys	Pro	Gly	515	520	525

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20 25 30

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35 40 45

Cys Pro Ser Gln Pro Pro Val Phe Pro Ala Ala Lys Gln Cys Pro Ala
50 55 60

Leu Glu Val Thr Trp Pro Glu Val Glu Val Pro Leu Asn Gly Thr Leu
65 70 75 80

Ser Leu Ser Cys Val Ala Cys Ser Arg Phe Pro Asn Phe Ser Ile Leu
85 90 95

Tyr Trp Leu Gly Asn Gly Ser Phe Ile Glu His Leu Pro Gly Arg Leu
100 105 110

Trp Glu Gly Ser Thr Ser Arg Glu Arg Gly Ser Thr Gly Thr Gln Leu
115 120 125

Cys Lys Ala Leu Val Leu Glu Gln Leu Thr Pro Ala Leu His Ser Thr
130 135 140

Asn Phe Ser Cys Val Leu Val Asp Pro Glu Gln Val Val Gln Arg His
145 150 155 160

Val Val Leu Ala Gln Leu Trp Ala Gly Leu Arg Ala Thr Leu Pro Pro
165 170 175

Thr Gln Glu Ala Leu Pro Ser Ser His Ser Ser Pro Gln Gln Gln Gly
180 185 190

Arg	Ser	Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	
		195					200					205				
Ala	Glu	Gly	Ala	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	
	210					215					220					
Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	
225					230					235					240	
Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	
				245					250					255		
Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	
			260					265					270			
Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	
		275					280					285				
Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	
	290					295					300					
Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	
305					310					315					320	
Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Glu	Glu	Met	Thr	Lys	Asn	
				325					330					335		
Gln	Val	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	
			340					345					350			
Ala	Val	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	
		355					360					365				
Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	
	370					375					380					
Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser	Cys	
385					390					395					400	
Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser	Leu	
				405				410						415		
Ser	Leu	Ser	Pro	Gly	Lys											
				420												